# STATE-LOTTERY, 1775.

# OFFICES.

## No. 67. Holborn, No. 30, Fleet-Street, and No. 34, King-Street, Cheapside.

## A DEMONSTRATION

Of the REAL and ACTUAL ADVANTAGES attending Mr. MOLESWORTH's ſelected Numbers,

Approved of by the moſt eminent Mathematicians, and obvious to every Capacity, with an Account ſhewing the Succeſs of the Calculations in the ſeven laſt State-Lotteries.

## TWO THOUSAND POUNDS,

*Inſtead of only* One Thouſand *to which it is entitled,*

WILL be paid for the *laſt drawn Ticket*, and in proportion for Shares and Chances, if ſigned or indorſed by JOHN MOLESWORTH, Eſq; and for the abſolute ſecurity of the public, the Money for this purpoſe is now depoſited in the hands of Meſſieurs DORRIEN, RUCKERS, DORRIEN and MARTIN, Bankers, in *Finch-Lane, Cornhill.*

Nor is this valuable addition the only conſideration to the adventurer, for from the advanced price which Mr. MOLESWORTH's Tickets will certainly bear towards the concluſion of the drawing, the proprietors are enabled to engage to give twenty pounds for *every ſuch Ticket* remaining in the wheel the laſt day of drawing, and in proportion for Shares, with this proviſo, that they are tendered to them at or before Six o'clock the preceding evening. This circumſtance *creates fifteen hundred Prizes of twenty pounds* more than are contained in the ſcheme of the Lottery, and renders *ſuch Tickets* by ten ſhillings each more valuable than others. The capital Prize to the laſt drawn Ticket is alſo well worth the attention of purchaſers of Chances and Shares of Chances for the Prizes above fifteen pounds.

It has been found by repeated experience, that four of Mr. MOLESWORTH's numbers have conſtantly excluded five promiſcuous ones for *capital Prizes*: and to convince the public that this advantage is not merely ſpeculative, the proprietors do engage that any perſon purchaſing thirty-five numbers, ſhall, without any extraordinary Charge, have a fifty pounds Prize or upwards, notwithſtanding that according to the Chance of the Lottery, not leſs than forty-ſix Tickets are entitled to ſuch Prize.

And although in the preſent Lottery, there are exactly two Blanks to a Prize, all purchaſers of two or more Tickets or Shares not lower than Sixteenths, ſhall be abſolutely warranted to have but one Blank to a Prize, and that in ſuch manner, *that they ſhall either gain thirty ſhillings upon, or ſave twenty ſhillings in the purchaſe of each*, which exactual deduction is immediately made upon any even number of Shares, now ſelling at

| | | | |
|---|---|---|---|
| Two or more Halves, 6*l.* 3*s.* | each | Two or more Eighths, 1*l.* 11*s.* 6*d.* | each |
| Ditto Quarters, - 3*l.* 3*s.* | | Ditto Sixteenths, - 10*s.* 6*d.* | |

Any even number of whole Tickets at thirteen pounds eighteen ſhillings each, will entitle the holder to *forty ſhillings* for each Blank, if they do not produce

produce as many Prizes as Blanks; or any responsible person may have them delivered at eleven pounds eighteen shillings each, on giving their engagement to pay the difference if their success is answerable to these proposals.

*N. B.* This computation is made from the present price of Tickets, 12*l.* 18*s.* 6*d.* and will be varied as they rise or fall.

In order to prove the real advantages of these proposals, the following calculations are submitted to the reader:

The present Lottery consists of sixty thousand Tickets, twenty thousand of which are Prizes amounting to 600,000*l.*

To produce as many Prizes as Blanks, there must be thirty thousand Prizes, consequently ten thousand additional ones, which, only of fifteen pounds each, amount to 150,000*l.*

Divide 150,000*l.* by 60,000, the number of Tickets in the Lottery, and it appears that the price of the Tickets must be increased 2*l.* 10*s.* each, to gain this advantage, which is intrinsically worth that sum. If the warranted Tickets and Shares produce these fifty shillings per Ticket, they cost the adventurer twenty shillings more than the current price and leave a balance of thirty shillings each in their favour. But if they are not attended with such advantage, they are rated twenty shillings each lower than the current price; consequently there are either thirty shillings gained, or twenty shillings saved. It is also to be observed, that no farther advance is required if they are all Prizes; and if the calculation was merely ideal, and Mr. MOLESWORTH's selected numbers of no greater value than promiscuous ones, the proprietors, by selling Tickets upon these terms must (upon the whole Lottery) lose twenty thousand pounds.

It has been argued that if Mr. MOLESWORTH knew the Tickets which were to be drawn Prizes, he would keep them himself; if that was the case, most undoubtedly he would; but he has repeatedly declared that he could only point out numbers that, *upon the whole amount, would prove more successful than the chance of the Lottery*; which being, in itself, more than fifty per cent. against an adventurer in any number of Tickets within the compass of a moderate fortune; the disadvantages may be considerably reduced, without a *certainty* of gaining any thing.

For example, suppose a person purchases twenty Tickets in the present Lottery, amounting at the average price to two hundred and sixty pounds, admit that Mr. MOLESWORTH can even insure twelve Prizes, that is, *three Prizes* to *two Blanks*, instead of *two Blanks* to *one Prize*; will it be denied that this is a very great advantage? and yet twelve Prizes of 15*l.* are only 180*l.* which deducted from 260*l.* the price of Tickets, leaves a loss of 80*l.*

In the last Lottery a book, containing two hundred and ninety-six selected numbers, delivered to, and sealed by Mr. ALDERMAN BULL previous to the drawing, produced as many capital Prizes, as should fall to three thousand promiscuous Tickets; is there any person who would not chuse a Ticket from a list of numbers warranted to succeed, in this manner, in preference to others? and yet, though the chance was so superior, there were several Blanks which somebody must have; and which must be expected if there were two Prizes to one Blank, by the same rule, that we hope for success where there are *two Blanks* to one *Prize*. For seven Lotteries past the success of Mr. MOLESWORTH's numbers, let it arise from what cause it will, has been prodigious, and cannot be controverted by the most zealous advocate against his doctrine of calculations, as it is authenticated by persons of the first rank and character, amongst whom are the Right Honourable BRASS CROSBY, and the Right Honourable FREDERICK BULL, Lord Mayors of the City of London.

It

It may not be improper to lay before the public an exact liſt of all the *capital Prizes* which have fallen to the ſelected numbers, and if the ſale of *one capital Prize* can be deemed a ſufficient reaſon to prefer an office, theſe Tickets, while it is allowed they can be no worſe, muſt be admitted to have *hitherto* been *more fortunate* than others.

LIST of PRIZES from five thouſand to twenty thouſand pounds in Mr. MOLESWORTH's Calculation on the following Lotteries.

| Lottery 1767. | | Lottery 1768. | | Lottery 1769. | |
|---|---|---|---|---|---|
| No. 3379 | £ 20000 | No. 29749 | £ 20000 | No. 42903 | £ 20000 |
| 3576 | 10000 | 19384 | 10000 | 30672 | 10000 |
| 30540 | 10000 | 29802 | 10000 | 50393 | 10000 |
| 58956 | 10000 | 42630 | 10000 | 54666 | 10000 |
| 22242 | 5000 | 58169 | 10000 | 55719 | 10000 |
| 22243 | 5000 | 33442 | 5000 | 8472 | 5000 |
| and 42 Prizes of from 500*l.* to 2000*l.* being in all 48 out of 78 capital Prizes. | | 45345 | 5000 | 27696 | 5000 |
| | | 58403 | 5000 | 28349 | 5000 |
| | | 59473 | 5000 | 33309 | 5000 |
| | | and 47 Prizes of from 500*l.* to 2000*l.* being in all 56 out of 86 capital Prizes. | | and 45 Prizes of from 500*l.* to 2000*l.* being in all 54 out of 82 capital Prizes. | |

| Lottery 1770. | | Lottery 1771. | | Lottery 1772. | |
|---|---|---|---|---|---|
| No. 10296 | £ 20000 | No. 29266 | £ 20000 | No. 345 | £ 20000 |
| 14328 | 20000 | 19309 | 20000 | 33084 | 20000 |
| 6616 | 10000 | 43287 | 10000 | 1821 | 10000 |
| 17205 | 10000 | 5353 | 5000 | 50066 | 10000 |
| 47935 | 10000 | 25872 | 5000 | 3343 | 5000 |
| 7836 | 5000 | 19896 | 5000 | 11413 | 5000 |
| 9783 | 5000 | and 45 Prizes of from 500*l.* to 2000*l.* being in all 50 out of 72 capital Prizes. | | 35578 | 5000 |
| 11147 | 5000 | | | and 48 Prizes of from 500*l.* to 2000*l.* being in all 55 out of 86 capital Prizes. | |
| 32297 | 5000 | | | | |
| and 43 Prizes of from 500*l.* to 2000*l.* being in all 50 out of 72 capital Prizes. | | | | | |

The calculation did not contain quite half the number in the above Lotteries; the Prizes of 5,000*l.* to 20,000*l.* were ſixty-two in number and 580,000*l.* in value, of which forty-ſix in number (near three to one) and 490,000*l.* in value (more than three to one) fell to the ſelected Tickets.

The number of capital Prizes of 500*l.* and upwards was 472, 315 of which were in the calculation.

## In the laſt STATE LOTTERY, 1774.

Mr. MOLESWORTH, previous to the drawing, ſealed and delivered to Mr. ALDERMAN BULL, a book containing two hundred and ninety-ſix numbers, upon the event of which he not only ſtaked his reputation, but a conſiderable ſum of money; the event juſtified his aſſertions, for they produced as many *capital Prizes* as three thouſand promiſcuous numbers are entitled to. The original book, ſigned and authenticated by Mr. BULL and other reſpectable gentlemen, may be ſeen on application at the office.

The wheels by which Mr. MOLESWORTH proves his calculations coſt upwards of 400*l.* and his other expences upon the ſubject have exceeded

exceeded 1000*l.* Notwithſtanding which, the purchaſers of ſingle Tickets, Shares and Chances, have them as cheap as they are ſold any where; and actually adventure on the ſame Chance as if the Lottery contained one fifth more capital prizes, beſides being entitled to one thouſand five hundred additional Prizes of 20*l.* with 2000*l.* for the laſt drawn. The Purchaſers of two or any even number of warranted Tickets or Shares, have a full proof of the reality of the calculations, in poſſeſſing an *actual* not a ſpeculative advantage, as it is demonſtrated that they muſt *gain thirty* or *ſave twenty ſhillings* upon each Ticket.

*Scheme of the State Lottery*, 1775.

Which will begin drawing on Monday the 13th of November.

| | | | | |
|---|---|---|---|---|
| 2 | Prizes of | £ 20,000 | is | £ 40,000 |
| 6 | — | 10,000 | — | 60,000 |
| 8 | — | 5000 | — | 40,000 |
| 18 | — | 2000 | — | 36,000 |
| 36 | — | 1000 | — | 36,000 |
| 60 | — | 500 | — | 30,000 |
| 300 | — | 100 | — | 30,000 |
| 870 | — | 50 | — | 43,500 |
| 18,700 | — | 15 | — | 280,000 |
| 20,000 | Prizes | | £ | 596,000 |
| | First drawn firſt three Days 1000*l.* each | | | 3000 |
| 40,000 | Blanks. Laſt drawn | | - | 1000 |
| 60,000 | Tickets | | £ | 600,000 |

PRICE of SINGLE SHARES.

| | £ | s. | d. |
|---|---|---|---|
| Half Share — — | 0 | 13 | 0 |
| Quarter — — — | 3 | 8 | 0 |
| Eighth — — — | 1 | 14 | 0 |
| Sixteenth — — | 0 | 17 | 6 |
| Thirty-ſecond — | 0 | [illegible] | [illegible] |
| Sixty-fourth — — | 0 | [illegible] | 6 |

*Prices of Chances excluſive of Prizes of Fifteen Pounds.*

| | £ | s. | d. |
|---|---|---|---|
| Whole Chance - - | 9 | 0 | 0 |
| Half - - - - - | 4 | 12 | 0 |
| Fourth - - - - | 2 | 7 | 0 |
| Eighth - - - - | 1 | 4 | 0 |
| Sixteenth - - - | 0 | 12 | 6 |
| Thirty-ſecond - - | 0 | 6 | 6 |
| Sixty-fourth - - | 0 | 3 | 6 |

The Tickets, Shares, and Chances, entitling Adventurers to the above Advantages, far ſuperior to any Thing ever offered to the Public, are now delivering at the OFFICES,

## No. 67, HOLBORN, No. 30, FLEET-STREET, and No. 34, KING-STREET, Cheapſide.

The Proprietors of which think it neceſſary to obſerve, that every Ticket, Share, or Chance, iſſued by them, is either ſigned or indorſed by JOHN MOLESWORTH, Eſq; the author of the calculations.

If any part of the above explanation is not ſufficiently underſtood, it is requeſted application may be made to the Offices, where every ſatisfaction will be given.

As a farther and incontrovertible proof how much the WARRANTED TICKETS are *really* in favour of the Adventurer, the Publick are requeſted to obſerve, that any perſon who ſold the *promiſcuous Numbers* upon the ſame Terms, muſt loſe *Thirty-four Pounds* in every hundred Tickets. For example,

One hundred Tickets, at *One Pound* premium each, warranted to produce one Blank to a Prize, or *Forty Shillings* to be paid for each Blank, amount to One Hundred Pounds advance. Sixty-ſeven Blanks, (Two to One) the proportion of one hundred *promiſcuous* Numbers, to be paid for at *Two Pounds* each, are - - - - - - - - - £ 134

Premium as above - - - - - - - - - - - - - - - - - - 100

Ballance againſt the Seller - - - - - - - - - - - - - £ 34

If any OFFICE-KEEPERS, or others, chuſe to ſell in the ſame manner, the PROPRIETORS of Mr. MOLESWORTH's calculation will themſelves purchaſe as many Tickets as they wiſh to diſpoſe of.

*N. B.* As all fortunate Shares muſt come to the hands of the Proprietors to be paid, they deduct the Two Pounds to be paid for each Blank, if more than one to a Prize, to leſſen the firſt Coſt to the Adventurer, and truſt to their Succeſs to indemnify themſelves.